

We claim:

1. A method of handling sod having grass blades projecting upwardly therefrom, comprising gripping at least an upper portion of said sod between opposing portions of a clamp and moving said clamp with said sod
5 suspended from said clamp.
2. A method according to claim 1 wherein said clamp clamps said grass blades.
- 10 3. A method according to claim 1 wherein said sod has thatch, and said clamp clamps said thatch.
4. A method according to claim 1 wherein said sod has a base comprising a soil portion containing roots, and said clamp grips an upper part
15 of said soil portion.
5. A method according to any of claim 1 wherein at least two said clamps are used.
- 20 6. A method according to claim 5 and including the steps of lowering said clamps onto said sod with said clamps open, closing said clamps to grip said sod, lifting said clamps to raise said sod, and then moving said clamps to move said sod.
- 25 7. A method according to claim 5 including raising said sod on a support towards said clamps with said clamps open, closing said clamps to grip said sod, lowering said support leaving said sod suspended from said clamps, and then moving said clamps with said sod suspended therefrom.
- 30 8. A method according to claim 5 and including the steps of lowering said clamps toward said sod with said clamps open and raising said sod on a support toward said clamps, closing said clamps to grip said sod, and moving said clamps and said support away from each other with said sod suspended from said clamps.

9. Apparatus for picking up sod of the kind having grass blades projecting upwardly therefrom, said apparatus comprising at least one clamp having an open and a closed condition, and a mechanism for opening and closing said clamp, a support mechanism for moving at least one of said sod and said clamp towards the other at a first location for at least said grass blades to enter into said clamp when said clamp is in its open condition, and a carrying mechanism for moving said clamp, with said sod slab suspended therefrom, to another location.
10. Apparatus according to claim 9 and including at least two said clamps.
11. Apparatus according to claim 10 wherein each clamp has a pair of side members which are spaced apart in the open condition of said clamps and which have gripping portions which press towards each other when said clamps are closed.
12. Apparatus according to claim 11 wherein the gripping portion of one side member of said clamp slants toward the other side member of said clamp.
13. Apparatus according to claim 11 wherein the gripping portions of both side members of said clamp slant toward the other side member of said clamp.
14. Apparatus according to claim 11 wherein said side members of said clamps are formed of thin metal to facilitate penetration into the thatch and soil of said sod slab.
15. Apparatus according to claim 11 wherein one side member of said clamp is fixed and said mechanism for opening and closing said clamp moves the other side member of said clamp.

16. Apparatus according to claim 15 and including springs to bias said other side member of said clamp to a closed position.
17. Apparatus according to claim 11 wherein said side members of
5 said clamp are hinged to each other.
18. Apparatus according to claim 15 wherein said other side member of said clamp is mounted for linear movement towards and away from said one side member of said clamp.
- 10 19. Apparatus according to any of claim 11 wherein each side member of said clamp includes teeth on a lower edge thereof.
- 15 20. Apparatus according to claim 9 wherein said clamp comprises a pair of screens.
- 20 21. Apparatus according to claim 9 wherein said clamp comprises a screen having openings for said grass blades to project therethrough, and a plate located above said screen to clamp said grass blades between said screen and said plate.
- 25 22. Apparatus according to claim 10 and including a cut-off blade to divide said sod slab into at least two pieces, said cut-off blade in use having a cutting edge which is oriented at an angle to said sod slab such that one portion of said cut-off blade enters said sod slab before another portion of said cut-off blade enters said sod slab, thus to reduce the force needed for said cut-off blade to cut said sod.
- 30 23. A method of cutting sod using a cutting knife having a cutting edge extending from a first end of said cutting knife to a second end of said cutting knife, said method comprising orienting said cutting knife so that said cutting edge is slanted with respect to the sod to be cut, such that said first end of said cutting knife enters said sod before said second end of said

cutting knife enters said sod, thus to reduce the force needed for said cutting knife to cut said sod.

24. The method according to claim 23 and including supporting said
5 sod to be cut on two conveyors having a space between them, said space
being aligned with said cutting knife for said cutting knife in use to enter said
space.